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BADGER STATE

SMOKE SIGNALS

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Single Copy $3.00

Return Address
Kenneth A. Ebneter
822 Wauona Trail
Portage WI 53901

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Volume 38 No 5 ● Published Bimonthly OCTOBER 2006

We welcome a new addition to the *BSSS* staff. Dave Spearing, KB9CSW

We welcome a new addition to the *BSSS* staff. Dave Spearing, KB9CSW will be taking over the duties of editing our web site bsss.org. Dave will be taking over from Dave Knaus, N9QA who started the web site for BSSS and has been its editor. Dave Knaus, N9QA will continue to edit the **WI Internet List** section of bsss.org while Dave Spearing, KB9CSW will be editing the remainder of the web site.

Material for *BSSS* should be sent to Dave Knaus, N9QA for **WI internet Listings only,** to Ken Ebneter, K9EN for the printed edition, and to Dave Spearing, KB9CSW for the web edition. If sending by e-mail, it would be appreciated if you would send to both K9EN and KB9CSW as material will often be used in both editions. Address changes, both snail-mail and e-mail should also be sent to K9EN.

I want to thanks Dave Knaus, N9QA for the fine job he has done setting up and maintaining the web site for the past several years. Your help has been greatly appreciated. We look forward to seeing you around the bands and wish you the best in your upcoming activities.

The addresses for *BSSS* are:

Ken Ebneter, K9EN
822 Wauona Trail
Portage, WI 53901-1402
(608-742-3560 (h or fax)
(608-697-6026 (cell)
k9en@arrl.net

Dave Spearing, KB9CSW
910 Prospect Street
Portage, WI 53901
(608) 617-2381
kb9csw@arrl.net

WI Internet listings:
Dave Knaus, N9QA
N9qa@n9qa.net

Check us out on the web at http://www.bsss.org

World's largest Tesla coil

A monster running at 25 kVA with 30 ft. long sparks!

The Midwest Cheesehead Teslathon, aka **4th Annual Lightning on the Lawn Party** was held on Saturday, Sept. 9th At Resonance Research near Baraboo.

Mr. D.C. Cox (aka "Doctor Resonance") of Resonance Research, a small Baraboo company that manufactures Tesla coils and other high voltage generators for science museums hosted this year's Teslathon. D.C. Cox was a Ham Radio operator from Sauk County during the 1970s.

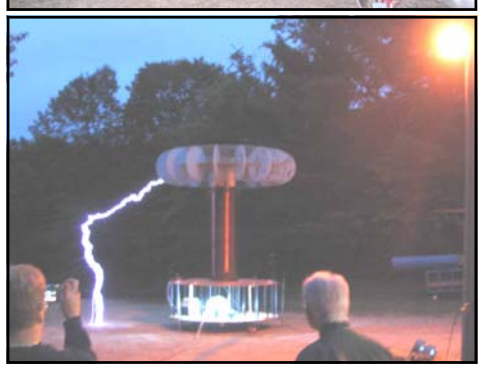
There's was a small Swapmeet for high voltage components, a picnic-type lunch and soft drinks was served, and then as it starts to get dark, the sparks fly! (If you don't like loud noises, you may want to bring ear plugs!)

In addition to the many other Tesla coils and high voltage devices displayed the final event of the evening was the giant coil shown in the pictures to the right.

Resonance Research has hosted this event annually. The event is open to anyone interested in Tesla coils etc. *BSSS* will attempt to carry any announcement of next year's event in time for you to make plans to attend.

ken K9EN





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WHAT'S HAPPENING

Swapfests and Other Social Events — Club Meetings
Amateur Radio Exam Schedules

Edited by Kenneth A. Ebneter, K9EN, 822 Wauona Trail, Portage WI 53901 — kenneth.ebneter@verizon.net

Swapfests
And Other Social Events

October, 8 2006, Crown Point, IN, Lake County Fairgrounds, 889 South Court Street. Lake County ARC http://www.qsl.net/w9lj/ Talk-In: 147.600 MHz input/147.000 MHz output (PL 131.8); 146.52 simplex. Contact: Rich Gilles, KA9SVS, 156 South Ridge Street, Crown Point, IN 46307-4179, Phone: 219-662-0594, Email: paris156@yahoo.com

October 14, 2006. Ground Hog Party, Watertown, WI. See story elsewhere in this issue.

November 5, 2006. Waverly Beach, Menasha, WI. 21st Annual Fox Cities ARC (W9ZL) Swapfest.

Same location this year at Waverly Beach, N8770 Fire Lane 1 in Menasha, a great location central to Appleton and the other 14 communities along the Fox River. This is an all inclusive event for enthusiasts of ham radio, computers, technical fields and scientific pursuits. This swapfest is growing bigger every year. Come be a part of the fun and meet some friends.

On site V.E. Testing, walk-ins ok by 9 a.m. Raffle and door prizes. Last year one mobile and two HTs were the grand prizes. Expect great prizes again this year. Talk in on FCARC wide area repeater - 146.76 -pl 100. Setup for commercial vendors is on Saturday, call for a setup appointment. All other table setup starts Sunday at 6 a.m. General admission starts at 8 a.m. Food and Refreshments. Early morning coffee and donut sale.

The Swapfest is in the huge annex adjoining the Waverly Beach full service Sports Bar and Restaurant with the awesome view of Lake Winnebago. Reserve spaces and order tickets by email or mail. Advance purchase swap tables are $10. Advance individual admission and one raffle ticket is $5.00. Advance family admission (Husband, Wife, and all Kids) is $12.00.

Check our web site for registration forms, flyers you and print to give to friends, and directions and maps. http://www.w9zl.org or email n9rjz@tponet.com (John) or call 920-729-0797. W9ZL 2006 Swapfest, 163 Main Street, Menasha, WI 54952.

November 5, 2006. Hamfest and Computer Show. Clarion Hotel (former Holiday Inn), 5202 North Brady Street, **Davenport, IA**. Davenport Radio Amateur Club. http://www.arcsupport.com/drac/hamfest.html Talk-In: 148.28/.88. Contact: Bill Bolton, WB0BBM, 28755 Utica Ridge Road, Long Grove, IA 52756, Phone: 563-285-4324, Email: wb0bbm@arrl.net

November 18-19, 2006, Indiana State Convention (Fort Wayne Hamfest & Computer Expo) Fort Wayne, IN. Allen County War Memorial Coliseum, 4000 Parnell Avenue. Allen County Amateur Radio Technical Society http://www.fortwaynehamfest.comTalk-In: 146.88 (-) Contact: James D. Boyer, KB9IH, 3031 Wilderness Road, Fort Wayne, IN 46845. Phone: 260-489-6700. Email: kb9ih@arrl.net

January 6, 2007, Waukesha, WI. 34th Annual Midwinter Swapfest, sponsored by the West Allis RAC. Waukesha County Expo Center Forum, Waukesha, WI. For information contact: www.warac.org, WARAC Swapfest, PO Box 1072, Milwaukee, WI 53201, or Phil, W9NAW, (414) 425-3649 GPS coordinates: Latitude 43.03227, Longitude -88.23948

March 11, 2007 Wisconsin QSO Party

March 11, 2007. Sterling Rock Falls ARS. Challand Middle School, 1700 16th Avenue, Sterling, IL http://www.sterlinghamfest.com. Talk-In: 146.85 (PL 114.8). Contact: Jack E. Stout, KR9Q, 1784 Mound Hill Road Sterling, IL 61081, Phone: 815-625-6185, Email: jacksradio@hotmail.com

March 17, 2007. 16th Annual Equipment Auction Eau Claire ARC. Grace Lutheran Church, 202 West Grand Avenue, Eau Claire, WI. http://www.ecarc.org/auction07.htm Talk-In: 146.910 (PL 110.9). Contact: Jim Staatz, KI9H, W5414 Progressive Road, Tony, WI 54563-9695. Phone: 715-532-5903. Email: KI9H@arrl.net

March 24, 2007. Midwinter Madness 2007. Buffalo Civic Center, Calder Avenue, across from Airport, Buffalo, MN Robbinsdale ARC. http://www.k0ltc.org Talk-In: 147.600/147.000. Contact: Jerry Dorf, N0FWG, PO Box 22613, Robbinsdale, MN 55422, Phone: 763-537-1722, Email: k0ltc@k0ltc.org

March 30-31, 2007. AES SuperFest 2007. Amateur Electronic Supply (AES) 5710 West Goodhope Road Milwaukee, I 53223. Friday March 30 (2:30-7:00 p.m.) and Saturday March 31 (8:30 a.m.-3:00 p.m.) Phone: 414-375-1162. http://www.aesham.com Contact: Ray Grenier, K9KHW. Phone: 414-375-1162. Email: ray@aesham.com

April 21, 2007, Madison Area Repeater Association Swapfest, Stoughton, WI. Mandt Community Center 400 Mandt Parkway, Stoughton, WI. Inquiries can be directed to: w9hsy@execpc.com or write to MARA, PO Box 8890, Madison, WI 53708-8890, Tele:608.245.8890 For more information see the MARA website www.qsl.net/mara.

July 7, 2007, South Milwaukee ARC Swapfest, American Legion Post 434, 9327 South Shepard Ave., Oak Creek, WI. e-mail ryatex@aol.com. Phone (414) 762-3235.

Further information about hamfests in the area can be found at bsss.org or at http://www.arrl.org/hamfests.html If your organization is sponsoring a Hamfest/Swapfest and would like us to list your event, please send the information to Ken Ebneter, K9EN at the address on page 2 or to k9en@arrl.net

Check us out on the web at http://www.bsss.org

Badger State Smoke Signals

Amateur Radio Education and Information

CHAIRMAN/PUBLISHER/EDITOR: Kenneth A. Ebneter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560. e-mail to: kenneth.ebneter@verizon.net

WEB SITE EDITOR: Dave Spearing, KB9CSW. kb9csw@arrl.net

TREASURER: Kenneth A. Ebneter, K9EN, 822 Wauona Trail, Portage WI 53901.

EDITORIAL BOARD: Ken Ebneter, K9EN; Don Evenson, K9JYX.

Subscription Rate

1 year (6 issues—bi-monthly) $13.95

A subscription form is in this issue. Special club package reduced rates are available. For information, contact Ken Ebneter, K9EN.

When to Send It

The closing date for each issue is the first of the month before the issue date. For example, the closing date for the May issue is April 1. The only exception is for participating clubs' minutes. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections, and exchange papers should be sent to Ken Ebneter.

Editorial material, photographs, and feature articles should be sent to Ken Ebneter, K9EN.

Web page material should be sent to kb9csw@arrl.net Dave Spearing, KB9CSW

Inquiries about advertising should be directed to Ken Ebneter.

Club, swapfest, and Test Point information should be sent to Ken Ebneter.

Swapfest ADS should be sent to Ken Ebneter, K9EN no later than eight weeks before the events date.

Subscriptions should be sent, with check or money order, to Ken Ebneter.

Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals.*

This newspaper is produced by volunteer radio amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

Badger State Smoke Signals is incorporated as a Wisconsin non-stock, non-for-profit organization.

Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

CLUB MEETINGS

Appleton
FOX CITIES AMATEUR RADIO CLUB Meetings: Third Mondays, 7:00PM., Goodwill Community Center, 1800 S. Appleton Road, Menasha, WI. Information: Brian Long KB9LRD fcarc@w9zl.org Website: http://www.fcarc.us

Baraboo
BADGERLAND AMATEUR TELEVISION SOCIETY (BATS) Check BATS Web page: http://www.shopstop.net/BATS/

Baraboo
YELLOW THUNDER AMATEUR RADIO CLUB Meetings: See the YTARC column elsewhere in this issue for meeting times and locations. For further information: http://www.qsl.net/ytarc.

Dubuque, IA
GREAT RIVER AMATEUR RADIO CLUB Meetings: First Monday of each month, 7 p.m. at the Red Cross Center, 2400 Asbury Road. The club serves the tri-state area. On the Web: http://www.qsl.net/wb0lob/. Information or questions to: N0hdc@aol.com.

Eau Claire
EAU CLAIRE AMATEUR RADIO CLUB Meetings: 2nd Tuesday - 7 p.m., Eau Claire Parks & Recreation, 1300 First Ave., Eau Claire, WI 54703. All hams and guests welcome. W9EAU repeater 146.91 MHz, tone 110.9 Hz. Information: Jim Staatz, KG9RA, President, P.O. Box 1867, Eau Claire, WI 54702-1867. Phone (715) 838-9108, Email kg9ra@ecarc.org. Web page: http://www.ecarc.org

Fond du Lac
FOND DU LAC AMATEUR RADIO CLUB Meetings: Second Monday at Moraine Park Technical College, Fond du Lac, WI. Time: 7 p.m. Sunday net: 7:30 p.m. CDT, K9IA repeater, 145.430 - PL 107.2 Information: Jack Heil, KG9IN, 920.922.1413. Email: kg9in@fdlhams.org Web: http://www.fdlhams.org.

Fort Atkinson
TRI-COUNTY AMATEUR RADIO CLUB second Thursday monthly except June to August, 7 p.m., at Dwight Foster Public Library in Fort Atkinson. ARES Net each Wednesday evening at 8 and club net Monday evenings at 8 on 145.49 repeater. Contact: Paul Marowsky, KD9PM, 920-674-4968., or John Satterlee, WA9SAB, 920.563.6381.

Grafton
Ozaukee Radio Club (ORC) Second Wednesday of each month at 7:30 p.m. Grafton Multipurpose Senior Center, 1665 7th. Ave., Grafton, Wisconsin www.qsl.net/orc/.

Green Bay
GREEN BAY MIKE AND KEY CLUB Meetings: Second Thursdays, 7:30 p.m., Media Services area of J. M. Science Building at St. Norbert College in DePere. Information: Kevin at kb9sne@yahoo.com.

Green Lake
GREEN FOX AMATEUR RADIO CLUB Greater Green Lake County area. Meetings: Third Mondays, 7:30 p.m., Green Lake Town Hall, intersection of County Highways K and N.

Houghton, MI area:
The CCRAA is the "Copper Country Radio Amateur Association" and they hold meetings the first Tuesday of each month at the Dollar Bay Fire Hall. Summer meetings (June, July, August, and September) are held at the CCRAA Clubhouse in Osceola (2 mi. S. of Calumet, MI)

Hudson
St. CROIX VALLEY RADIO AMATEURS Meetings: Third Tuesdays, St. Croix County Emergency Government Center, Carmichael Road, Hudson. Short business meeting at 7:30 p.m. followed by program. Talkin: 145.13 MHz. All are welcome!

Juneau
ROCK RIVER RADIO CLUB Meetings: First Tuesdays, 7:30 p.m., Dodge County Administration Building, 127 East Oak Street, Juneau, WI. ARES Nets: 146.64 (-600) Mondays, 7:30 p.m., Saturdays, 7278 KHZ, Alternate in 3.947 at 10:00 AM. & Wednesday, 1908 KHZ 8:00 PM, Wintertime.

Madison
SPACE PLACE AMATEUR RADIO CENTER No meetings. Located on U.W.-Madison campus. Guest operators are welcome to operate the U.W. Space Place Amateur Radio Station, N9UW. Information: Don Michalski, W9IXG, President, (608) 263-4685. Email: n9uw@sal.wisc.edu.

Madison
BADGER AMATEUR RADIO SOCIETY University of Wisconsin - Madison/W9YT Meetings: Third Mondays at 7:00 p.m. in UW Union South. Room number posted on the Today in The Union board. Information: Don Michalski, W9IXG, (608) 263-4685. Email: w9ixg@arrl.org. Web: http://www.qsl.net/w9yt.

Madison
Madison DX Club, meetings are on every fourth Tuesday of each month; see http://madisondxclub for more details.

Madison
FOUR LAKES AMATEUR RADIO CLUB Meetings: Third Tuesdays, 7:30 p.m., Red Cross Building, 4860 Sheboygan Avenue, Room C, downstairs. First building west of Hill Farms State Office Building.

Manitowoc
MANITOWOC COUNTY RADIO AMATEURS (ManCoRad) Second Wednesday of each month. Club board meets at 6:30 p.m., and Regular meeting is at 7:30 p.m., at 1105 Fleetwood Drive, 2nd floor (Old County Shop building on northwest side of city.) For Additional information please see our club web-site www.qsl.net/w9dk or contact Fred Neuenfeldt, W6BSF, (920) 682-9312. Email: w6bsf@arrl.net.

Marinette WI
Menominee MI
Amateur Radio Club Meetings held second Thursday 7:00PM each month BAMC Tenth Avenue Menominee Michigan in the basement. Guests welcome e-mail secretary kg9ad@arrl.net

Medford
Black River Amateur Radio Association Meetings: Normally the first Thursday of each month. Usual meeting time is 7 PM. Most meetings are held at the Taylor County Courthouse. Directions: Those attending should park in the main courthouse parking lot on the east side of the building, and enter using the main courthouse entrance or the sheriff's dept. entrance. Proceed to the lower level of the courthouse using the stairs or elevator. We meet in the "break room" on the lower level, near the Emergency Government office. Talk-in on the 147.15 repeater (114.8 Hz PL, +600 kHz offset) and 146.52 MHz simplex. Contact: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405. Phone: (715) 223-3996.

Menomonee Falls
FALLS AMATEUR RADIO CLUB, INC. Meetings: Last Wednesdays at Bank One building in Germantown. Doors open 7 p.m. Meeting time: 7:30 p.m. Guests are welcome!

Menomonie WI
Saturday coffee at Burger King, 544 Main Street, at 9 a.m. Social hour on 4th Tuesdays at 7:00 p.m. at the Depot, 2616 Hills Court, north of Walmart on highway 25 North, in January, March, April, and September through November. Guests welcome!

Milwaukee
GREATER MILWAUKEE DX ASSOCIATION Meetings: Fourth Monday of month, 7:30 p.m. Contact any GMDXA member, or Gary Schwartz, K9GS, (262) 363-4439. Email: garyk9gs@arrl.net.

Milwaukee
MILWAUKEE RADIO AMATEURS CLUB Meetings: Last Thursdays, 7:00 p.m. Redemption Lutheran Church, 4057 North Mayfair Road, Wauwatosa, WI. Mailing address: P.O. Box 070695, Milwaukee, WI 53207. Web: http://www.qsl.net/mrac . Email: w9rh@arrl.net.

Monomonie
RED CEDAR REPEATER ASSOCIATION, INC. Saturday coffee at Hardee's in North Monomonie, corner of Highways 12 and 25 at 9 a.m. Social hour on 4th Tuesdays at 7:30 p.m. at the Peppermill Too, 1414 9th Street in the L-Mart Shopping Center in January, March, April, and September through November. Guests welcome!

Northeast Area
NORTHEAST WISCONSIN DX ASSOCIATION Meetings quarterly: April 28, Marinette; August 25, Fox Valley; November 10, Green Bay. For specific information about meetings, check http://home.new.rr.com/newdxa/. Contact us at w9dxa@arrl.net.

Oak Creek
SOUTH MILWAUKEE AMATEUR RADIO CLUB Meetings: First Wednesdays, Legion Post #434, Shepard Ave., Oak Creek, WI. In March and October the meetings are turned into Auction Nights.. The club WEB site is ww.qsl.net/wa9txe

Onalaska
RIVERLAND AMATEUR RADIO CLUB Meetings: First Tuesdays, Seven Bridges Restaurant, 910 2nd Ave N (hwy 35), Onalaska. We meet for dinner at 6:00 PM and start the meeting at 7:00 PM. More information: http://www.qsl.net/wr9arc/. Email: wr9arc@qsl.net.

QCWA Chapter 162
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Southeastern Wisconsin Chapter 162. Meetings: Third Monday in January, March, May, July, September, and November, 7:30 p.m., usually at Meadows Restaurant, Franksville, WI. Social events: Third Sundays in February, April, June, August, and October. Christmas party: Usually second or third Sunday in December.

QCWA Chapter 55
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Wisconsin Chapter 55 meets the first Saturday of June and October. For information about Chapter 55, contact Ron Yokes, W9BCK, Secretary, 612 N. Pt Washington Road, Grafton, WI 53024-9703. (262) 375-1774. mailto:rryokes@execpc.com.

Racine
LAKESHORE REPEATER ASSOCIATION Meetings: Last Tuesday, January, April, July, October. American Red Cross Building, 4521 Taylor Ave., Racine, WI.

Racine
RACINE MEGACYCLE CLUB Meetings: Second Mondays, 7:30 p.m., American Red Cross Building, 4521 Taylor Ave., Racine, WI.

Rhinelander
NORTHWOODS AMATEUR RADIO CLUB Meetings: Third Tuesday of Sept., Nov., Dec., Feb., and April for dinner business meetings at Ella's Restaurant, Jct. of Hwy. 51 and 70, north side of Woodruff, WI. Talkin on Sayner or Tomahawk repeaters. The Northwoods ARC News is on the club web site. http://www.freeyellow.com/members7/nwarc.

Sheboygan
SHEBOYGAN COUNTY AMATEUR RADIO CLUB Meetings: Second Tuesdays. 7 p.m., Sheboygan County Red Cross/Boy Scout Building, 2032 Erie Avenue.

Shell Lake
Northland ARC meetings are held the first Saturday of each month after breakfast. Location: Schmitz's Economart Deli. Located on US Hwy.63 on the south end of Spooner. The meeting will start at approx. 8:00 AM. Breakfast usually starts by 7:30 AM. Come and see what we're about. Anyone, even if you're licensed or not and has an interest in ham radio is welcome to attend! Next Meeting: Sept 4th, 2004 at 8:00

(Continued on page 9)

Wisconsin Nets Association Ltd.

Dean R. Herriges, KB9ROB, Secretary
W370 S9590 Highway 67 ● Eagle, WI 53119

WISCONSIN NETS

Net	WNA	Freq.	UTC	LOCAL	Manager
BWN	YES	3985	1100	0600	W9IXG
BEN	YES	3985	1700	1200	KE9VU
WSBN	YES	3985	2215	1715	K9FHI
WNN	YES	3723	2300	1800	KB9ROB
WSSN	YES	3645	2330	1830	N9JIY
WIN/E	YES	3662	0000	1900	WB9ICH
WIN/L	YES	3662	0300	2200	W9UW
RCRA	NO	01/61	0030	1930	KA9OMC
	(Mondays CDT— Menomonie Area)				
Green Bay Area	NO	72/12	0245	2145	WB9NRK
ARES	NO	4.65/5.25	0200	2100	
	(South East/South Central Wisconsin)				
ARES/RACES (WRACES)	NO	3997.5	2300	1800	N9VAO
	(Sundays)				

Wisconsin Section STM Report

Wisconsin Section STM Report
July 2006

FAQ # 58 What's the most important part of a radiogram? Let's see. The number is important because it's how we keep track of messages. The precedence is important because it tells us which messages need to be handled first. The handling instructions are very helpful in deliveries. The station of origin lets us trace a message and advise the sender. The check checks, check? It's a check on the number of words in the text to be sure we get it right. The place of origin helps us route a reply, and the time and date tell us when a message started (and how long it's been in the system).

The name, address, and telephone number of the addressee are certainly necessary for delivery to the right person. The exact text is essential, too; it's the purpose of the message. The recipient will want to know who sent the message – so the signature should be correct as well. Hmmm.

In short (as good messages should be), ***all*** of a radiogram is important and should be handled error free. We communicate, and we do it well. It's what we do. 73 – K9LGU/ STM – WI

August 2006

FAQ #59 – What does the SET have to do with the NTS? Oh, you mean, how's the annual Simulated Emergency Test connected to the National Traffic System. That's easy. The SET weekend, this year October 7 –8, will test the capabilities of our emergency-ready equipment, our emergency-ready networks, and our emergency-ready traffic handlers. As our state plan documents, we will establish at least two statewide traffic nets – the Wisconsin ARES/RACES Net (Net Manager: N9VAO) and a special session of the Badger Emergency Net (Net Manager: KE9VU). Local ARES nets will have a liaison station to at least one of these section nets and will convey traffic to and from them. The regular NTS routing will be in place from the BEN to WIN, Ninth Region (maybe there'll be a daytime session), Central Area, etc.

So what should we do about it? Send traffic! Prepare messages before the event with test precedences (test-routine, test-priority, test-welfare) for destinations throughout the state. EC's should send messages with specific data (See your 2006 EC Report form) to the DECs and others. Send some to other ECs in the state, too. Request support from neighboring counties. All participants should send at least a few messages. Start the text of each message with the words, "TEST MESSAGE."

This year's test will concern a simulated bioterrorism event. Messages from served agencies would be great. Messages describing implementation of activation plans would be in order, too. So would messages about activations that aren't functioning smoothly. We are trying to exercise the traffic system to see what works well and what needs work. Without plenty of traffic, we won't know.

I'll be there on October 7. Send me as many messages as you can. 73 K9LGU/STM-WI

Check us out on the web at http://www.bsss.org

WISCONSIN SECTION
MONTHLY NET ACTIVITY SUMMARY
JULY 2006

NET	QNI	QTC	QTR	SSNS	NM
BWN	1970	2521	4630	31	W9IXG
BEN	531	46	946	30	KE9VU
WSBN	686	59	1053	31	K9FHI
WNN	91	9	222	20	KB9ROB
WSSN	132	16	290	30	N9JIY
WIN/E	131	16	230	31	WB9ICH
WIN/L	159	23	295	31	W9UW
WRACES	98	0	225	5	N9VAO
TOTAL	3798	2690	7891	209	

AUGUST 2006

NET	QNI	QTC	QTR	SSNS	NM
BWN	2028	2803	4681	31	W9IXG
BEN	580	51	1058	31	KE9VU
WSBN	724	64	1106	31	K9FHI
WNN	131	17	282	26	KB9ROB
WSSN	141	19	264	28	N9JIY
WIN/E	118	21	211	28	WB9ICH
WIN/L	176	32	305	31	W9UW
WRACES	80	0	185	4	N9VAO
totals	3978	3007	8092	210	

STATION ACTIVITY SUMMARY
JULY 2006

STATION	ORIG	RCVD	SENT	DLVD	TOTAL
KA9EKG	46	614	582	4	1246 –BPL
WZ9I	17	509	17	509	1052 – BPL
KB9KEG	0	199	34	199	432 – BPL*
W9BHL/VE	3	0	42	72	0 - 114
K9LGU	0	46	23	0	69
AG9G	0	11	54	0	65
K9FHI	0	25	31	0	56
W9KKM	0	0	43	0	43
N9NNN	20	0	20	0	40
KE9VU	0	26	9	0	35
K9JPS	0	2	30	2	34
KG9B	0	0	29	0	29
KN9P	0	14	14	0	28
W9UW	0	19	6	0	25
K9GU	0	0	25	0	25
KA9BHK	0	6	18	0	24
W9RSX	0	0	21	0	21
AA9BB	0	0	20	0	20
KB9ROB	0	12	4	1	17
W9RTP	0	5	11	0	16
WB9ICH	0	8	2	0	10
N9UAR	4	0	4	0	8
K9UTQ	0	1	2	1	4
W9PVD	0	1	1	1	3

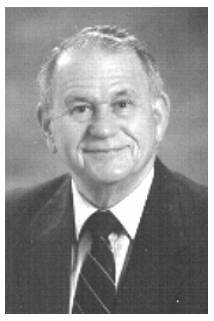
AUGUST 2006

STATION	ORIG	RCVD	SENT	DLVD	TOTAL
KA9EKG	41	601	573	2	1217 – BPL
WZ9I	17	518	17	518	1070 – BPL
KB9KEG	0	284	34	284	602 - BPL
W9BHL/VE	3	0	64	94	0 - 158
K9LGU	0	54	32	0	86
AG9G	0	15	60	0	75
K9FHI	0	26	23	0	49
KN9P	0	20	20	0	40
W9KKM	0	7	31	7	38
KE9VU	0	27	7	0	34
W9RTP	0	8	23	3	34
K9GU	0	0	33	0	33
K9JPS	0	0	31	0	31
N9NNN	0	0	30	0	30
AA9BB	1	28	1	0	30

(Continued on page 6)

The Computer Corner

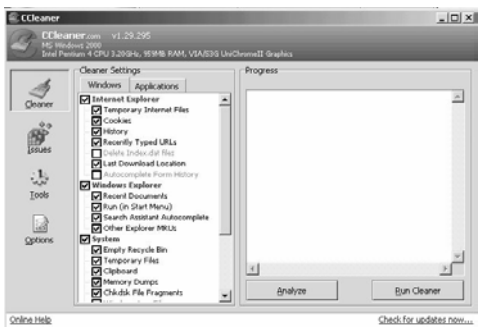
by Stan Kaplan, WB9RQR
715 N. Dries Street
Saukville, WI 53080-1664
(262) 268-1949
skaplan@mcw.edu



No. 132. Defrag and Ccleaner

A typical complaint by computer users that do not themselves do regular maintenance is "my machine is so slow, and it seems to be getting worse". Computers that are not well maintained are just like cars that have never had tune-ups – their performance degrades with time in tiny increments until the driver finally notices something is not right. What can be done to prevent this degradation in performance of a computer? While you can't change its spark plugs as in a car, you can make it much easier (and therefore, faster) for your machine to find files and programs. The key is Defrag. However, before you do that, it takes a few preparatory steps so that Defrag does its job for you.

In your home, you create a lot of trash. Cook supper and clean up, and the kitchen wastebasket gets filled up. The same is true for the workshop, the bedrooms, your office area and so on. Now, the garbage service comes to collect your trash on Thursday. What do you do? Wednesday night you collect all your household trash (and recycling materials), and put them out for collection. Do the same for your computer!



How the heck do you clean the garbage from your computer? Sure, you can empty the Recycle Bin, but there are easily hundreds of useless files scattered around on your hard drive that are not in the Recycle Bin unless you put them there. Files with extensions like *.chk. *.bak, *.log, *.old and many, many others hidden in folders that need cleaning from time to time. For example, you probably have two dozen files in your C:\Windows\Temp folder that could be deleted. I could spend the rest of this article documenting what to delete and what to leave alone, but let me make it easy for you. Go to majorgeeks.com (my favorite download site for new freeware and shareware), and find a program called CCleaner. Download and install it (it is free, and designed for all versions of Windows). When run, the program will clean up useless stuff you didn't even know you had. If you are at all squeamish about some of the items, uncheck the box by the list of items it proposes to delete before you press the Run Cleaner button, and it will leave those items alone. When you are all done with the Cleaner, don't forget to press the Issues button. This part of the program will analyze your Registry and give you a chance to correct errors in it. This is one of those "must have" programs. It is safe, and the price is certainly right!

Now, everything is prepared. CCleaner even emptied the Recycle Bin, so you are all set to go. Close all open programs and start Defrag (Start, Programs, Accessories, System Tools, Disk Defragmenter, or something like that, depending on your version of Windows). Don't run anything else. Defrag is slow enough itself without slowing it down more by running other programs. Let it go – have lunch, mow the lawn, etc. If it is not finished by bedtime, let it run overnight. If you have a D: drive as well as C:, do D: when C: has finished. When all partitions (C:, D:, E:, etc.) have been defragged, reboot the machine. Work as usual, and notice if it is a little faster (or a lot faster!). If nothing else, you have freed up a lot of wasted space on your hard drive. You have truly emptied the trash.

How often should you run Defrag? Here is a rule of thumb I just made up, which is probably about right. Defrag your machine after every 24 hours of normal use (word processing, working with spreadsheets, surfing the web, playing games, etc.). That means after three 8-hour days at the keyboard. If you do a major software installation (Microsoft Office), several small installations (CCleaner, and two or three others), or update Windows itself, count that as 24 hours of use and do a Defrag. That will keep your machine in tiptop maintenance shape.

What if it is still slow? Before you go shopping for a new machine, examine your installed memory. How much do you have? If you have a full "gig" (1,024 Mb) or even half a gig installed, your machine is probably working about as fast as it can. If you have only 128 or 256 Mb installed, you can markedly improve performance by adding the difference, to bring it up to a gigabyte. Memory is fairly cheap right now, and you might well find a gigabyte stick in the $100 range. Be sure to get the correct one (or two). Consult the manual that came with your machine, or go to crucial.com and select memory upgrades by manufacturer and model. Once you have nailed down exactly what you need, go look for it on google.com and compare prices. Happy computing!

WISCONSINSECTION MANAGER REPORT

JULY 2006

WISCONSIN: SM: Don Michalski, W9IXG, SEC: KB9ENO, STM: K9LGU, SGL: AD9X, OOC: KC9IS, PIC: KB9NUM, TC: K9GDF, BM: WB9NRK, ACC: N9LVS ASM: K9UTQ, W9DGI, N9VE.

** With regret, I am notifying you of the passing of these Amateurs:

-- Bill Amendt, KC7AZM, 82. Bill was a member of Tri-County ARC. -- Bill Kellerman, WD9HCW, 72. Bill was a member of Wisconsin Rapids ARC and Midstate Repeater Association. -- Joe Yedynak, N9LLA, 59. Joe was a member of M&M ARC.

** Saturday, September 16, is the scheduled date for Amateur Radio Public Awareness Day. Amateur Radio Public Awareness Day can be a time to help promote Amateur Radio to the public. Many clubs, groups, etc, may want to set up an exhibit in a public area, do an exercise that demonstrates the capability of Amateur Radio -- any number of things. The ARRL-sponsored Amateur Radio Public Awareness Day (Saturday, September 16) and the ARRL Simulated Emergency Test (focal-point weekend is October 7- 8) has been posted on the National Preparedness Month calendar. Check this page and locate the link to the calendar on the Citizen Corps Web page: www.citizencorps.gov

** Congratulations to our STM, Denny, K9LGU, on having an article in the September QST, pages 2-3! We are fortunate to have such a great Section Traffic Manager!

** Ever wonder what to do with your old QST? Consider taking your past issue to your local public library, your middle school, or high school library. Most libraries have a place for donated magazines. Recycle with the intent of encouraging others into the hobby!

** Congratulations to Travis J. Waack, KB9YRC, winner of the 2006 WARAC Scholarship! Travis is a 19-year-old sophomore studying meteorology and physics at Northland College in Ashland, Wisconsin. He has held a Technician class license since 2001 and is from the Manitowoc area where he is active with the Mancorad Club.

** M&M ARC members helped out for a second straight year at the Twin County Airport open house held in conjunction with the T-34 fly-in July 22nd. Hams helped staff the communications center, which included radios tuned to the airport Unicom frequency used by local air traffic, the ground control frequency, and the M&M ARC 444.075 repeater used for event-related communications.

Note: BWN is Badger Weather Net; BEN is Badger Emergency Net; WSBN is Wisconsin Side Band Net; WNN is Wisconsin Novice Net; WSSN is Wisconsin Slow Speed Net; WIN/E is Wisconsin Intrastate Net/Early; WIN/L is Wisconsin Intrastate Net/Late; WRACES is Wisconsin Radio Amateur Civil Emergency Service net. All nets details are found on this site: https://www.arrl.org/sections/?sect=WI under Wisconsin Traffic Nets. We encourage you to check into one or more of the Wisconsin Nets!!

** We enjoyed spending a day at the Fox Cities ARC special event station at the EAA AirVenture. (See a photo of the station at the ARRL Wisconsin site: http://www.arrl.org/sections/?sect=WI) It was our first visit to the EAA and I am looking forward to next year. Special events are great fun. We encourage clubs to consider organizing one. The ARRL application form to use is given here: http://www.arrl.org/contests/spevform.html You may, also, apply for a 1X1 call for the event. Do it on-line at this site: http://www.arrl.org/arrlvec/1x1.html 73, Don W9IXG

ARRL Wisconsin Section
Section Manager: Donald E. Michalski, W9IXG
w9ixg@arrl.org

AUGUST 2006

WISCONSIN: SM: Don Michalski, W9IXG. BWN 3985 0500-0715 W9IXG. BEN 3985 1200 KE9VU. WSBN 3985 1730-1800 K9FHI. WNN 3723 1800 KB9ROB. WSSN 3645 1830 N9JIY. WIN-E 3662 1900 WB9ICH. WIN-L 3662 2200 W9UW. (All times are Central time)

** There a new amateur radio group in the Antigo area. The Langlade County Amateur Radio Assn (LCARA) was recently formed and has announced the following meeting and membership information: Meetings: 2nd Wednesday of each month at the St. Joseph's Clinic attached to Langlade Memorial Hospital. Talk in will be on the 145.31 PL tone 114.8 until sometime in September when 147.255 will become the primary talk-in repeater. The 147.255 repeater is scheduled for a location change in the coming weeks that should give it wider range. Anyone interested in joining the new group may contact Dennis Schmidt,

(Continued on page 6)

Check us out on the web at Http://www.bsss.org

WISCONSINSECTION MANAGER REPORT

(Continued from page 5)

W9DMS, via phone or email him at w9dms@wvraclub.org for additional information.

** Another new club, the Merrill Amateur Radio Group, http://margdx.com/ generally meets on the second Tuesday of the month in the Cafeteria meeting room at Good Samaritan Health Center, 601 S. Center Ave. in Merrill. Meeting time is 7:00 p.m. Talk-in will be on 145.190 PL 114.8. Email marg@margdx.com for more information on next meeting. Everyone is welcome!

** It might be time for you to update your club records by going to the ARRL Big Club List at http://www.arrl.org/FandES/field/club/biglist.html Locate your Club in Wisconsin. Once you have the club records on your screen, scroll to the bottom of the page and follow the instructions beginning with "submit updated data for this club record". To renew as a SSC, go to this site: http://www.arrl.org/FandES/field/club/forms/fsd7/renewal.html This is done every two years. More info on SSC is at this site: http://www.arrl.org/FandES/field/club/forms/fsd7/

** Looking for the latest DXCC country listing? You can get it from the ARRL at this site: http://www.arrl.org/awards/dxcc/dxcclist.txt

** Wisconsin Section STM Report August 2006

73, Don W9IXG
ARRL Wisconsin Section
Section Manager:
Donald E. Michalski, W9IXG
w9ixg@arrl.org

WISCONSIN SECTION STATION ACTIVITY

(Continued from page 4)

WB9ICH	0	22	2	0	24
KB9ROB	0	20	3	0	23
KG9B	0	0	23	0	23
W9RSX	0	1	20	0	21
W9UW	0	15	3	1	19
KA9BHK	0	0	13	0	13
K9WIS	0	0	7	0	7
K9UTQ	0	0	3	0	3
W9PVD	0	0	1	0	1

P S H R SUMMARY
JULY 2006

CALL	1	2	3	4	5	6	T
KB9KEG	40	40	20	240	0	10	350
K9LGU	40	40	30	15	20	0	145
K9FHI	40	40	20	0	0	10	110
AG9G	40	40	10	20	0	0	110
WZ9I	40	40	10	10	0	0	100
K9JPS	30	34	10	0	0	0	74
W9RSX	40	21	10	0	0	0	71
W9RTP	40	13	10	0	0	0	66

AUGUST 2006

CALL	1	2	3	4	5	6	T
KB9KEG	40	40	20	270	0	10	380
K9LGU	40	40	30	50	50	0	210
K9FHI	40	40	30	0	0	10	120
AG9G	40	40	10	20	0	0	110
WZ9I	40	40	10	5	0	0	95
W9RTP	40	34	10	0	0	0	84
W9RSX	40	21	10	0	0	0	71

Check us out on the web at http://www.bsss.org

Are you GONNA to GONA ?

GONA. Ground Hog of North America will be Happy to See You on Oct. 14, 2006 at Watertown Moose Lodge 1212 Juneau St. Highway 16 bypass and Highway R. Call in Juneau Repeater. Yes, GONA is still with us come and see him. Hole #1 and your friends from RRRC and Watertown Radio Club for Dinner and Visit with fellow Hams and enjoy CU there the, Ground Hog committee.

K9CID & W9LUB, K9GJC and the RRRC is again helping sponsor the "Fall Party" known as the "GONA'' Or the groundhogs of North America.

I looked up the meaning of groundhog in the dictionary to see if the meaning could explain what groundhogs and amateur radio had in common. I found that the official meaning of groundhog is an animal known as woodchuck or aardvark. I went further and looked up both woodchuck and aardvark. They both were animals that like the earth and stayed close to the ground. To confuse me further was that "Groundhog Day" is February 2nd in the middle of winter not fall. So, what's the deal and what was the original story.

I called Bettie K9GJC, to hear the history of the groundhogs. So here it goes. Erv Buckhardt W9QHR was on short wave and asked some of the guys to come on over and bring some beer and they'd sit around and enjoy each others company. However, word got around and the next year more people came and eventually it was too big for Erv's backyard. Erv was a member of the Moose lodge and arranged to have a yearly party there. It was started sometime in the 1940's.

The fun history is that if you wanted to be invited to the "party" 'you had to contact W9QHR on Feb. 2nd groundhogs day. Bettie also said that a member of the group liked doing taxidermy and put his knowledge and skill to work and gave the group the stuff groundhog. Does anyone know his name or call?

The fall calendar is starting to fill up. So get out your big red pencil and mark October 14 as the groundhog party in Watertown. It's held at the Moose Lodge at 1212 Juneau St. If you know how to get to the Watertown hospital you'll know the way.

Every year Bettie K9GJC does a wonderful job arranging a home cooked meal for us. I'm not sure of the menu but last years Swiss steak, baby carrots and mashed potatoes were just like Mom used to make. Home cooking without the mess! What a deal, we don't even have to do dishes.

What could be better than a group of Ham operators with the opportunity to talk to each other in radio terms. We have a lot of fun at the meal as there is an auction, door prizes and a few surprises.

If you chose not to drive at night we can help with car pooling and we'll do our best to get you there.

Remember, Winter will be blowing in along with the ice and snow. Now is the time to get out and enjoy each others company. So mark your calendar now for Oct 14th. All things start with a "G" Grand company, Great fun, and Good times!

CU there. K9CID

Editors note: I enjoyed attending many of the Ground Hog parties in the late 1950s and 1960s. The late Jack Doyle, then the ARRL Central Division Director would MC and there would be a presentation on the "good luck" that the trophy had brought the previous year's winner.

Part of the story of the origin of the party was that during WW II Amateur Radio operation was suspended and following WW II, the first band released back to the amateurs was the ten meter band. Operators would work DX during the day and after sunset would work their neighbors via ground wave, thus becoming the first groundhogs. As mentioned above, Erv invited the groundhogs to assemble for a party. Although there have been some lapses, the parties continue.

Ken K9EN

Announcing New Digital Ham Yahoo Group

This group is dedicated to the discussion & development of amateur / ham radio use of digital voice & data communication techniques utilizing D-STAR digital voice & data, APCO P25 digital voice, packet radio(including APRS), HSMM(High Speed Multi Media) / Wi-Fi, and PSK / FSK on VHF & UHF.

Join the group to exchange ideas & information and learn about operating the digital modes In Northern & Central Illinois, Northwest Indiana and Southern Wisconsin.

http://groups.yahoo.com/group/illinoisdigitalham/

73, Mark, WB9QZB

Wisconsin Special Event Announcement
12/09/2006 and 12/10/2006

Sponsored by MANCORAD, P.O. Box 204, Manitowoc, WI 54221-0204

Event Description: Mancorad (Manitowoc County Radio Club) W9DK is commemorating the club's 60th Anniversary with special operations SSB, Digital and CW, 40, 20, 17 & 15m on December 9th and 10th, 2006. The W9DK/60 call sign will be used for the event. QSL with SASE via W6BSF or W9DK

Club Website: www.w9dk.com
Contact Name: Steve K9ZW
Contact Phone: (920) 686-8281
Contact Email: k9zw@mac.com

Sudden Hearing Loss

By Richard Regent, K9GDF

The ability to hear signals is critical for communications in Amateur Radio, whether operating fixed, mobile or portable. Good hearing is essential to discover weak DX stations, relay a message accurately or quickly sort out one signal from a pileup or congested contest. Only a few digital modes or computerized software can somewhat eliminate the need for two good ears. So to continue enjoying ham radio, protect your hearing by reducing the receiver volume of loud radio stations so they do not blast out of the speaker or headphones, place speakers at a suitable distance from ears, and avoid deafening noises.

Sudden sensorinueral hearing loss (SSHL) or **nerve deafness** is hearing loss caused by damage to the cochlea (the spiral cavity of the inner ear) or auditory nerve. Exposure to excessive noise, a virus, an auto immune disorder or the aging process can cause a sensorineural hearing loss. Sometimes SSHL is temporary. If normal hearing returns at all, it tends to recover within the first few weeks.

Another type of deafness is **conductive hearing loss** in which sound is impeded in its ability to stimulate the inner ear. This can be caused by earwax (cerumen), a perforated ear drum, fluid in the middle ear, or damaged middle ear bones. In general, conductive hearing loss is correctable.

One day I am practicing my clarinet along with accompaniment music playing on my computer. The speakers are at ear height on the computer hutch shelf. Suddenly, a loud tune plays which startles me. Before I can get to the volume control or think about moving away I am exposed to several seconds of loud noise. Not realizing something happened to my hearing I cautiously continue to listen to music after the incident. Perhaps I should have rested my ears.

Later I discover hearing loss symptoms with my left ear. It begins with **tinnitus** -- a whooshing noise and ringing tones produced inside the ear. My wife puts her ear by my ear, but can not hear these tones. There is also **ear fullness** -- the ear never pops or opens to normal. Many sounds are meaningless. The beautiful piano now sounds like hard-to-hear distorted chimes and the middle portion of the keyboard cannot be heard. Massaging or touching this ear, which now feels like a limp flap of skin, makes very few sounds. Sleeping is difficult because placing a pillow over the ear or sticking a finger in the ear does not stop this noise. The hearing world of stereo is now monaural.

I continue home tests. The telephone dial tone and a caller's voice cannot be heard. Chewing or biting crunchy food and swallowing can be heard only on the good ear side. Confirming tests made by clicking my fingers near each ear proves that the frustration of hearing loss in one ear continues. My basement portable dehumidifier has an electric fan with motor and a compressor. While operating it produces a wide frequency spectrum of gentle sound, which I find useful for comparing the hearing of my ears. It sounds very raspy and limited with my left ear.

A few days later I play my clarinet at a musical program. The hearing loss makes playing music uncomfortable. "Just go to the other side of the ensemble and you'll be OK." suggest the other musicians. It is not that simple. The bad ear is producing secondary tones that are similar but slightly flat, along with partially hearing of the actual music. With great concentration I play this program from sheet music. Improvising, making up harmony by playing and embellishing music based on hearing the other musician's instruments is frustrating.

I make an appointment with my Family Doctor to check my hearing problem. During the several days between the loud noise incident and the appointment my hearing slowly and miraculously returns to normal! Nonetheless, I keep my appointment. The Doctor takes a general approach to find a possible cause of sudden unilateral (one ear) hearing loss with examinations for a stroke, earwax, a damaged ear drum and head injuries, and a hearing test.

The **stroke** is checked by taking my blood pressure and having me give a complete teeth-showing smile followed by big eyebrow movements. My uniform and symmetrical facial patterns eliminate a stroke as a cause.

It helps to check for **earwax** blockage, the most common cause of hearing loss. The physician uses an otoscope, a hand-held instrument with a tiny light and a funnel-shaped attachment (an ear speculum), to examine my ear canals and eardrums. The good ear is examined first to prevent contamination should it have an infection, next the problem ear is examined. There is no wax and the drums appear normal.

I am asked questions about dizziness, nausea and **head trauma** (a head wound or injury). While standing, my balance is checked as the doctor nudges me from side to side and then I am observed while walking. Unilateral hearing loss, balance problems and nausea are symptoms of Meniere's disease. I pass these tests.

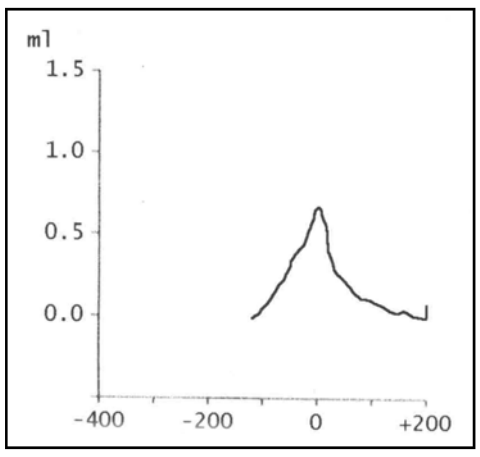
Finally, a basic **hearing test** is performed with a tuning fork -- a hand-held device that vibrates at a fixed pitch. It is moved around my ears, placed on my forehead and then behind each ear to check for external and internal hearing loss problems.

With a cause undetermined, my physician refers me to an ear specialist. A few days later I meet the doctor and explain that my hearing has returned to normal. He reassures me that "Recovery by itself is what we like to see." Similar to the family doctor, this physician again checks my blood pressure, asks about dizziness, balance, then examines my ears for earwax, ear drum damage or obvious infections. These results are again normal so a thorough hearing test by his audiologist is recommended.

An audiologist can skillfully administer hearing tests that are designed to find out what a person can and cannot hear. **Pure tone audiometry** is a hearing test where a person listens to tones of 250, 500, 1000, 2000, 4000 and 8000 Hertz and indicates when they are heard by pressing a button. Typically, the speech audio spectrum of a telephone is from 300 to 3000 Hertz. Loudness of the tones range from 0 to 60 decibels but are computerized to determine the hearing thresholds (the quietest sounds that can be heard) for each ear. The resulting audiogram are graphs of tone frequencies versus loudness for both ears. A comparison of the hearing thresholds of bone conduction and air conduction tests helps to diagnose the degree and type of hearing loss.

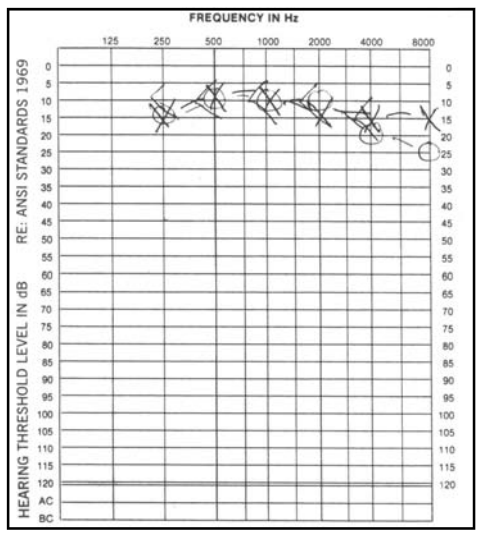
The **bone conduction** hearing test is made by placing a small vibrator on the mastoid bone behind the ear. Sounds travel through the bones of the skull to the cochlea and hearing nerves, bypassing the middle ear. The test indicates the sensitivity of the **cochlea**.

The **air conduction** test measures hearing with pure tones presented through headphones. The sounds travel through the air, down the ear canal, through the middle ear, and to the very delicate organ of hearing in the inner ear and the cochlea. An air conductive hearing loss is when the bone conduction hearing thresholds are normal, but there is a loss of hearing for air-conducted sounds. This means that the cochlea is normal and healthy, but there is some blockage to sound in the middle or outer ear. Middle ear infection is a common cause of air conductive hearing loss in young children. Outer and middle ear blockages can often be corrected by medical or surgical treatment. The audiogram in **Figure 1** shows my recovered hearing. The doctor reports "You have the hearing of a 21-year old." which is one third my age!

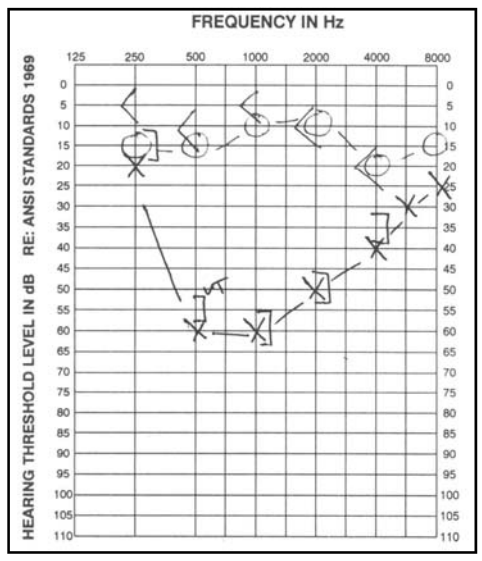


Speech discrimination is how well a person is able to clearly understand talking. It can be measured with words like *eyebrow* or *baseball*, presented at different levels of loudness, which the hearing impaired person has to repeat. A person who has a problem understanding the words, even when they are loud enough, may find the benefit provided by a hearing aid will be limited. People who have a sensorineural hearing loss often fall into this category. Generally, the greater the hearing loss the poorer the speech discrimination. There are no problems here.

Although **tympanometry** is not a hearing test, it checks how well the middle ear system functions and the eardrum moves. A small rubber tip is placed in the ear and a little air is pumped into the outer ear canal. Very little movement of the eardrum could indicate fluid behind the drum as a result of an infection. Often the results of tympanometry indicate the location of blockage that is causing the hearing loss and if medical treatment may help. The pneumatic resistance to a puff of air for each eardrum can be graphed as shown in the tympanogram of **Figure 2**. My tympanometry tests are normal.



Four months later I am working on a smoke and carbon dioxide detector up on a ladder in the hallway of my home when its loud piercing alarm sounds. Then I am in a CW contest for several hours and notice the signals are different in each ear. Reversing the headphones does not help the problem. Unfortunately, the same hearing loss sequence occurs again with my left ear. This time I make an appointment directly with the ear specialist. At his office I am given another hearing test and this time the audiogram captures the hearing loss as shown in **Figure 3**. The Doctor predicts my hearing will again return to normal, but in the meantime he recommends a treatment and a test.



The doctor reviews my health history with me and suggests taking steroids as a treatment for this SSHL of unknown etiology. Jokingly he says "The steroids will not pump you up!" and

(Continued on page 9)

35th ANNUAL MIDWINTER

SWAPFEST

Ham Radio, Computer, Electronics

W.A.R.A.C. — WEST ALLIS RADIO AMATEUR CLUB INCORPORATED

Over 50 Years

SATURDAY - JANUARY 6, 2007

8:00 AM - 2:00 PM

ADMISSION: $4.00 Advance - $5.00 at Door FREE PARKING
RESERVED TABLES: $16.00 per 8 foot table - $18.00 at Door (if available)
ELECTRICAL OUTLET: $18.00 (advance only)
Prices same as last year!

AMATEUR EXAMS: 9:00AM-11:15AM at AMF Waukesha Lanes, (across from Expo)

Fee $8.00 *Bring your:*
- Original license plus copy
- CSCE (if you have one) plus copy
- Photo ID.

The WEST ALLIS RADIO AMATEUR CLUB
Sponsors of: Midwinter Swapfest - WI QSO Party - WARAC Memorial Scholarships - Worked All WI Counties Award
For more information please call Phil, W9NAW, 414.425.3649 or visit www.warac.org

Waukesha County Expo Center
1000 Northview Rd (County Trunk FT)
Waukesha, WI 53188

I-94 west of Milwaukee to Exit 294 (County J)
1.2 miles south to County FT
0.6 miles west to Expo Center

Next Swapfest Date:
January 5, 2008

GPS Coordinates
Latitude: 43.03227
Longitude: -88.23948

Swapfest Advance Registration Form

RESERVATION DEADLINE: Dec. 31, 2006 *Early reservations suggested*

Advance Tickets	_____	@ $4.00 =	_____
Table Reservations	_____	@ $16.00 =	_____
Electrical Outlet *(Advance only)*	_____	@ $18.00 =	_____
		Total Enclosed $	_____

NOTE: Table reservation does not include admission.

Name: _____ Call: _____
Street: _____
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St Paul Radio Club Celebrates the 75th Anniversary of its Founding

Friday, November 3rd, 6:30 pm
St Thomas University, St Paul, MN
Murray-Herrick Campus Center Lounge, #304

Its a celebration and a reunion! A special invitation is extended to past members to join the celebration.

A delicious buffet dinner will be served at 6:30 followed by club history presentations, reunion of members, prizes, 1930's music, multimedia show, and lots of hoopla! This will be an event to remember!

The buffet dinner complete with dessert is only $12 per person. Prepaid reservations are required. Guests are welcome. For more information or reservations: 651 - 483 – 1214 or sprc@att.net

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Please do NOT send cash.

Sudden Hearing Loss

By Richard Regent, K9GDF

(Continued from page 7)

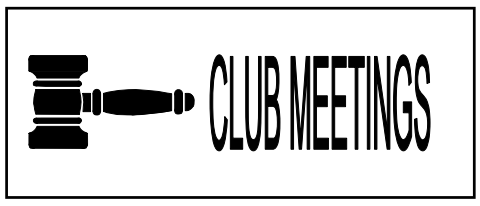
prescribes Prednisone (10 mg dose of 58 tablets, taken four per day down to one per day over two weeks). If a strong immune system attacks a minor infection in the ear, it might cause such hearing loss. Without any medication the chances of SSHL recurring are 33%; but with this steroid treatment it is lowered to 20%. Reducing the auto immune system with corticosteroid therapy is supported by solid medical evidence. This treatment should be started as early as possible after the onset of the hearing loss. Side effects may be tiredness, a sore hip, or irritability.

The doctor recommends a test called **Magnetic Resonance Imaging** (MRI) to check for a possible tumor in my brain. One concern is finding a tumor on the auditory nerve (acoustic neuroma), although other brain tumors may lead to hearing loss. The 1 in 50 chance of finding such tumor sounds improbable, but if an MRI is not obtained, there would be no other way of eliminating this possibility. If a growing tumor is seen, knowing its exact size and location are important in treatment planning and follow up. There are 12 MRI scans taken of my head. Not expected is that for the last four images there is an intravenous solution called Gadolinium injected into a vein in my arm to enhance the image contrast. Malignant tumors begin to grow their own blood supply network once they reach a certain size. The pre-contrast and post-contrast images are compared and areas of differences are highlighted. The MRI procedure lasts about 45 minutes. A few weeks later my hearing returns to normal as the doctor predicted. At another appointment the doctor reviews the MRI images and happily reports that there are no tumors. Another hearing test is given with normal results similar to **Figure 1**.

Regrettably, most cases of SSHL remain specifically unexplained. They may be due to: unidentified viral infection, immunologic diseases (such as systemic lupus erythematosus), and vascular occlusion (essentially, an inner ear stroke). Syphilis, meningitis, a reactivated chicken pox infection (herpes zoster oticus), congenital cytomegalovirus infection, measles, rubella, sarcoidosis and multiple sclerosis are occasionally associated with SSHL. Certain medications like antibiotics, chemotherapeutic agents and other drugs which may lead to hearing loss should be avoided, unless they are necessary to save life or limb. Use caution when skydiving or deep sea diving that may involve sudden pressure changes. Show great care when cleaning an ear. Swabs can cause serious injuries! I plan to avoid loud noises, have relocated speakers away from my ears, and wear ear plugs as hearing protection when working on devices that could unexpectedly produce loud noises.

Losing hearing in a similar way in the other ear is unlikely and SSHL is hardly ever a sign of a more serious disease. However, if hearing doesn't return on its own or with medical treatment the impairment may be irreversible. Two good ears are many times better than one ear to find the range and direction of sounds; from the sirens of emergency vehicles to the breezes through trees and the distinct songs of birds in those trees, or hearing a weak signal from a rare DXpedition.

Richard Regent, K9GDF



(Continued from page 3)

AM. So Please plan to attend!!!!! http://home.centurytel.net/NorthlandARC/.

Stevens Point
CWRA Ltd./UWSP ARC Meetings second Wednesday. of each month at 7:30 pm. Science Building on the UW-Stevens Point Campus, Room A107, Stevens Point, WI. Email: jglas776@uwsp.edu. Webpage: www.qsl.net/wb9qfw.

Superior
ARROWHEAD AMATEUR RADIO CLUB, INC. Meetings: Second Tuesday at WITC Conference Center, 600 N. 21st St., Superior, WI. Time: 7:30 p.m. Board meetings held before regular meetings.

W.A.R. WISCONSIN ASSOCIATION OF REPEATERS
Quarterly meetings of the Wisconsin Association of Repeaters are held at various locations around the State in March, July and November. Check the WAR web page for meeting announcements and repeater coordination info. Information: http://www.wi-repeaters.org.

Watertown
WATERTOWN AMATEUR RADIO CLUB Meetings: First Thursdays of month, 7 p.m., Watertown Public Library, 100 South Water Street.

Waupaca
WAUPACA AMATEUR RADIO CLUB CQ First Tue. Social gathering and Dutch treat luncheon, King's Table, King, WI, on Highway QQ, just south of Highways 10 and 54, west side of Waupaca. Gather at 11 to 11:30. Order at noon. Club business transacted. CQ Third Fri. Social gathering and Dutch treat dinner. Semi-formal, OM and XYL, at one of the better supper clubs in the area. Check: Waupaca 147.39 nets at 8 a.m. or 8:50 p.m. for month's meeting location.

Wausau
WISCONSIN VALLEY RADIO ASSOCIATION Meetings: First Tuesdays, 7:30 p.m. Location varies. Information: 146.64 (-600). http://home.dwave.net/~wvra/.

West Allis
West Allis Radio Amateur Club Second Tuesday of each month at 7:30 p.m. St. Peter's Episcopal Church, 80th and Lincoln Ave., West Allis. Meetings in basement. Entrance at rear, off alley. Handicapped accessible. www.warac.org.

West Bend
WASHINGTON COUNTY AMATEUR RADIO CLUB Meetings: Second Thursdays, 7:30 p.m., Washington County Courthouse. Net: Thursdays, 7:30 p.m., 146.73 (-600).

Wisconsin Rapids
WISCONSIN RAPIDS AMATEUR RADIO CLUB Meetings: Third Wednesdays, 7 p.m., Room 14 of Wood County Courthouse. Talkin: 146.79 (-600) for entry into the building.

The Test Point



Amateur Radio Examination Locations and Schedules in the Area

October 07, 2006	Madison, WI
October 07, 2006	Racine, WI
October 07, 2006	St. Paul, MN
October 12, 2006	Apple Valley, MN
October 14, 2006	Blaine, MN
October 14, 2006	Oshkosh (Omro), WI
October 14, 2006	Eau Claire, WI
October 17, 2006	Eden Prairie, MN
October 19, 2006	Iron River, MI
October 21, 2006	Portage, WI
October 21. 2006	Rockford, IL
October 21, 2006	Cottage Grove, MN
October 22, 2006	Wausau, WI
October 28, 2006	Bloomington, MN
October 28, 2006	Milwaukee, WI (MRAC)
October 28, 2006	Tomahawk, WI
November 04, 2006	Racine, WI
November 04, 2006	St. Paul, MN
November 04, 2006	Madison, WI
November 04, 2006	Menomonie, WI
November 05, 2006	Appleton, WI
November 09, 2006	Apple Valley, MN
November 11, 2006	Lacrosse, WI
November 11, 2006	Adams, WI
November 11, 2006	Blaine, MN
November 11, 2006	Oshkosh (Omro), WI
November 16, 2006	Iron River, MI
November 18, 2006	Sheboygan, WI
November 18, 2006	Rockford, IL
November 18, 2006	Cottage Grove, MN
November 21, 2006	Eden Prairie, MN
November 25, 2006	Bloomington, MN
November 25, 2006.	Milwaukee, WI (MRAC)
December 02, 2006	Madison, WI
December 02, 2006	Racine, WI
December 02, 2006	St. Paul, MN
December 03, 2006	Marshfield, WI
December 09, 2006	Fond du Lac, WI
December 09, 2006	Blaine, MN
December 09, 2006	Oshkosh (Omro), WI
December 14, 2006	Apple Valley, MN
December 16, 2006	Rockford, IL
December 16, 2006	Cottage Grove, MN
December 19, 2006	Eden Prairie, MN
December 21, 2006	Iron River, MI
December 30, 2006	Bloomington, MN
January, 06, 2006	Waukesha, WI
Monthly, 1sr Sat.	Madison, WI
Monthly, 1st Sat. (except Jan., Jul., & Aug.)	Racine, WI
Monthly, 1st Sat.	St. Paul, MN
Monthly, 2nd Thu.	Apple Valley, MN
Monthly, 2nd Sat.	Blaine, MN
Monthly, 2nd Sat.	Oshkosh (Omro), WI
Monthly, 3rd Tue.	Eden Prairie, MN
Monthly, 3rd Thu.	Iron River, MI
Monthly, 3rd Sat.	Rockford, IL
Monthly, 3rd Sat.	Cottage Grove, MN
Monthly, 4th Sat.	Bloomington, MN
Monthly, Last Sat. (Except Mar., Jun., Aug., & Dec.)	Milwaukee, WI (MRAC)
Monthly, Last Sat. (January thru October only)	Tomahawk, WI

GENERAL RULES FOR MOST EXAMINATIONS: Be sure to check with sponsors before going to an examination session. There may be changes and/or errors in the dates or information given. Some examinations require filing an FCC or NCVEC Form 605 and advance registration at least 30 days before the exam date. Some VE teams permit walkins. Check with the sponsor.

Many hamfests and swapfests offer examinations. A Hamfest entrance fee should not be charged if you come only to attend the examination. To register in advance, you must get a copy of the current FCC Form 605, and fill it out completely and correctly. Get your form from the FCC as instructed below, or from the American Radio Relay League, 225 Main Street, Newington, CT 06111. Please send an SASE if you request a form from the League. FCC Field Offices seldom stock forms. You can also get a form from

http://www.fcc.gov/formpage.html
or
ftp://ftp.fcc.gov/pub/Forms/Form605.

A form by FAX is available at (202) 418-0177 (request Form 000605). The FCC Forms Distribution Center will accept orders at (800) 418-3676. Form 605 has a main form, plus a Schedule D with two parts (for Vanity and Physician's Certifications). Forms can also be obtained from the sponsoring group.

See QST, W1AW bulletins, or The ARRL Letter regarding any annual exam fee changes. ARRL/VEC no longer gives a free code test or Element 2. Test fees: The ARRL/VEC has set its 2006 test fee at $14.00. FCC requires applicants to show their original amateur license or CSCE to the VE team. You must also have a good copy of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 605 and most VE teams need a copy for their records. One good CSCE copy is sufficient. You are also be required to have a photo ID, or two other forms of ID. Contact the VE team for details.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only. Proof must be either in the form of a pre-3/21/87 license document or a "Letter of Verification of Technician License Held Prior to 1987" as requested in writing from the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245. For those with internet access, a listing of exam sessions is available from:

http://www.arrl.org/arrlvec/examsearch.phtml

By checking this page, you can find registered VE sessions anywhere in the US and some overseas. You can search by country, state or zip code. The listing is not specific to

THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association
Joel Papke, N9BQM, Treasurer
7968 Ubinger Road, Pittsville, WI 54466-9214

Andy Nemec, KB9ALN, Editor—453 Cottage Grove Avenue—Green Bay, WI 54304—e-mail: kb9aln@tds.net

No news from WAPR this issue. Watch for more next month.

THE TEST POINT

(Continued from page 9)

any particular VEC. It is a master database. Thanks to Bart Jahnke, W9JJ, ARRL/VEC.

Adams, WI

Adams City Fire Dept., 101 N. Main St., Highway 13, Adams, WI. Contact Edward J. Wagner (608) 584-4858. ab9fn@arrl.net

Appleton, WI

Fox Cities ARC (ARRL/VEC) All regular test sessions are held at the American Red Cross Building, 1302 East Wisconsin Ave. in Appleton. Testing starting at 8 a.m. No walk-ins after 9 a.m. For information, contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (920) 730-0967. Email: w9mdp@arrl.net.

Eau Claire, WI

Eau Claire Amateur Radio Club. Grace Lutheran Church, 202 W., Grand Ave. Enter off 2nd Avenue entrance, Eau Claire, WI

Technician, General and Extra Class exams. Walkins welcome. Examination session coordinator: Jonathan E., Case, (715) 834-1540. www.ecarc.org. w9eau@ecarc.org.

Fond du Lac, WI

Fond du Lac ARC (ARRL/VEC). Community United Methodist Church, 701 Minnesota Ave., North Fond du Lac. 9:00 a.m. Walkins allowed. Contact: Douglas J. Schultz, 920-922-3088, schultz74@charter.net.

Houghton MI

Sponsor: HARC/CCRAA. Time: 8:30 AM (Walk-ins allowed). Contact: George R Thurner home phone, (906)337-2542, cell phone (906) 369-2542 Email: W8FWG@ARRL.NET VEC: ARRL/VEC Location: Michigan Tech University-US Hwy 41. Wadsworth Residence Hall, East End of Campus, G04w (Downstairs/Turn Left), Houghton, MI 49931

Iron Mountain, MI

Sponsor: W5YI VEC. Time: 9:00 AM (Walk-Ins Allowed). Contact: Mark J Lewis, (906)774-6598. VEC: W5YI VEC. Location: Dickinson County Library, 401 South Iron Mountain St., Arrival Time: 9:00 AM. Conference Room, Iron Mountain, MI 49801

Iron River, MI.

Sponsor: Iron Range ARA (IRARC). Time: 6:30 PM (No walk-ins). Contact: Dan R Waters, (906)265-4240. Email: dmwaters@ironriver.tv VEC: W5YI VEC. Location: Iron River Lutheran Church, Across From Mc Donald's. Pre-Registration Required. If no applicants - No testing. Iron River, MI 49935

La Crosse, WI (ARRL/VEC).

Sponsor: Riverland ARC. Time: 9:00 AM (Walk-ins allowed. Contact: Roger C. Reader, (608)783-0723. Email: readers@centurytel.net VEC: Location: American Red Cross office, 2927 Losey Blvd, La Crosse, WI 54601

Madison, WI

The Madison Wisconsin, Four Lakes Amateur Radio Club sponsored VE testing has moved to the new University of Wisconsin Space Place, 2300 South Park Street, lower level, Madison, WI in the Villager shopping center complex. Exams are given the first Saturday of the month. Holidays included. Doors open at 8:00 AM, and we hope to have all exams completed and graded by 10:00 AM.

Please bring a picture ID, your original license, a copy of your license, and the original and a copy of any relevant CSCEs, and a check for $12.00 made out to the ARRL/VEC. No appointments are necessary to take exams. Exams start promptly at 8 a.m. Questions may be directed to Tim Czerwonka, WO9U, at 608-239-3696 (home phone) or sent to wo9u@arrl.net.

Marshfield, WI

Sponsored by the Marshfield Area ARS. Saint Joseph's Hospital, 611 Saint Joseph Ave., Room 124, Hospice South Bldg., Marshfield, WI 54449. Contact Lee A. Olson, (715) 389-8888.

Mauston, WI (ARRL/VEC)

Sponsored by the Juneau County ARC. 9:30 a.m. (Walk-ins allowed). Mauston City Hall, 303 Mansion St., Community Room, 4th Floor, Mauston, WI. Contact Edward J. Wagner, (608) 584-4858. ab9fn@arrl.net

Menomonie, WI (ARRL/VEC)

Sponsored by the Dunn County Area Amateurs Location: University of Wisconsin, 121 10th Avenue, UW Stout Millennium Hall, NW Entrance, Menomonie, WI 54751. Time: 9:00 AM (Walk-ins allowed). Contact: James L. Guenther, (715)232-2625. Email: guentherj@uwstrout.edu

Menominee, MI

Marinette-Menominee Amateur Radio Club. Location: The cafeteria of Bay Area Med Center, US-41 in Menominee. Building located next to KFC just off the Interstate Bridge. All classes given. Advance notice preferred, but not required. Test fee is $10 with two pieces of identification required. Contact Jeff Rymer, N9PQU at jrymer@ez-net.com or Ed Engleman, KG8CX, at dxer@cybrzn.com. We will monitor the 147.000 (107.2 pl) repeater in event further directions or info is needed.

Milwaukee, WI

Milwaukee Radio Amateurs' Club (MRAC VEC) Last Saturday, except in March, June, August, and December. In addition, we test at the West Allis RAC Swapfest in January and at Superfest in April. 9:30 a.m. to noon at Amateur Electronic Supply (AES), 5710 W. Good Hope Road (the door you enter is actually numbered 5730), Milwaukee. For additional information, call (262) 797-MRAC. Bring along your original license, CSCE (if any), and one (1) good quality photocopy of each, plus two forms of identification, such a driver's license, etc. Also required is $8.00 for the exam fee. Walkins are welcome. To register in advance, use a post card. Print the grade of license you are applying for, your name, address, and telephone number, and send the card to MRAC/VEC, Milwaukee Radio Amateurs Club, P.O. Box 070695, Milwaukee, WI 53207. Contact: John G. Kraak, 262-797-6722.

Negaunee, MI. Sponsor: HIAWATHA ARC. Time: 8:00 AM (Walk-ins allowed). Contact: Richard E Schwenke, (906)249-3837, Email: n8gba@chartermi.net VEC: ARRL/VEC. Location: Health Dept Bldg (Downstairs), 184 US 41 E, Entrance @ Back of building. Negaunee, MI 49866

Onalaska, WI

Sponsor: Riverland ARC, Time: 9:00 AM (Walk-ins allowed), Contact: Roger C. Reader, (608)783-0723. Email: readers@centurytel.net. VEC: ARRL/VEC. Location: Onalaska Public Library. 741 Oak Ave S. Onalaska, WI 54650

Oshkosh, WI (Omro)

Oshkosh VE Team Amateur Radio exams monthly on the second Saturday. Registration begins at 8:30 a.m. and exams will be given from 9 a.m. until noon. Omro Community Center, 130 W. Larrabee, Omro, WI. Walkins welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE, etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The exam fee is $6.65. For more information, please call Dick Lemme, K9FA, at (920) 235-0987, e-mail: lemme@vbe.com, or write Dick at 826 Jefferson Street, Oshkosh, WI 54901.

Portage, WI

ARRL/VEC Amateur testing on Oct. 21st 2006. Testing will begin at 10:30 AM at the Portage Public Library 253 w. Edgewater St. Portage, WI. For more information contact Brian Smith, KG9OG at 608-742-4562 or Ed Wagner, AB9FN at ab9fn@yahoo.com. Walkins are welcome.

Racine, WI

ARRL VEC Monthly - first Saturday, except January, July, and August. Monthly exams are given 9 to 11 a.m. at the Faith United Methodist Church, 1013 Harmony Drive, Racine. Walk-ins are permitted. Talk in on 147.87/.27. Inquiries and registrations should be directed to Paul B. Smedegaard, N9RGW, 929 Lathrop Ave., Racine, WI 53405-2339. Telephone: (262) 637 4750. or e-mail to smedegaa@wi.net

Rockford, IL

Northern Illinois Volunteer Examiners (W5YI VEC) Third Saturday of every month. 9:00 a.m. to noon. No new applicants after 11:00 a.m. Walkins welcome. Held at St. Anthony Hospital, 5660 E State St., Rockford, IL. Contact: Randy Scott, W9HL, W9HL@ARRL.NET (815-877-4328).

Sheboygan, WI

Sheboygan County ARC (ARRL/VEC). Exams are held in the Red Cross Building, 2032 Erie Avenue, Sheboygan, WI. The test areas are handicap accessible with signage posted to direct candidates to the proper area of the building. Walk-ins are accepted, however notification ahead of time of your intention to appear would be appreciated. Contact: Art Pahr K9XJ, 920-876-2370. N8029 Willow Road k9xj@arrl.net Plymouth, WI 53073-2929

Tomahawk, WI

Tomahawk Repeater Association ARRL/VEC team. Last Saturday of every month Janu-

Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call)
K9ODK (Robert L. Prine Memorial Call)
Club net: Sundays 8:00 p.m. on 147.315
Robert Loomis, KB9VSQ, Secretary
108 Scarlet Ct.., Reedsburg, WI 53959
YTARC Home Page: http://www.qsl.net/ytarc/

Meeting Minutes August 2006

Meeting was called to order by president Steve Schulze at 7:30 p.m.

Steve, N9UDO reported that the all Ham picnic was a success with 38 people in attendance.

Bill, N9KXX moved to accept the June minutes. Second by Gary, W9LUK. Passed.

Bill, N9KXX reported a balance in the treasury of $3,429.79 with Fairgrounds rent and cleanup deposits paid. Bills for $46.08 from field day and the picnic were turned in. Tom N9PQJ moved to pay the bills with a second from Gary, W9LUK. Motion carried.

Old Business:

Tom, N9PQJ reported on the success of field day. Over 250 contacts logged. The central logging using wireless routers worked great. The Wild Blue satellite internet worked great at showing the thunderstorm circling over Owen Park until the rain got so heavy the connection was lost. Every one got soaked while tearing down the site.

Gary, W9ULK gave a report on the special Olympics held at Stevens Point. Next year the organization wants to give more responsibility to the Hams.

New Business:

10th annual Swapfest.

Steve, N9UDO reported $58.00 in swapfest pre-sales so far. Setup at the fairgrounds will be at 6:00 p.m. Friday Aug, 11. Report at 5:30 a.m. on Saturday. The doors open at 7:00 a.m.

Karen talked about food service. Will most likely be like last year. Tom, N9PQJ said that door prizes from the ARRL are on the way. Grand prize this year is an Icom IC-T90A triband portable radio. 6 meters, 2 meters and 70 centimeters. It will scan from below the broadcast band to 999 MHz. The radio is donated by Pointon Communications of Baraboo. The drawing will be held at 11:00 a.m. and the winning ticket holder must be present.

A discussion ensued as to whether we should move swapfest from the Fairgrounds as the rent is eating up any revenue we get. Steve reported on the possibility of renting the hockey arena. The rent is only $200 and there is a kitchen available. The only downside is that there aren't that many tables available. Other possible locations were also discussed.

Bill, N9KXX reported that the club may be receiving some donated equipment from the families of some silent keys. More information will be coming.

Winner of buck night was KC9FRL who was not present. Next month the pot will be $2.00 Bill N9KXX moved to adjourn. 2nd by Tom, N9PQJ. Motion carried.

Members present:
Don Evenson, K9JYX, Baraboo
Steve Schulze, N9UDO, Baraboo
Karen Schulze, Baraboo
Gary Sorenson, W9LUK, Oxford
Bill Klinkner, N9KXX, Sauk City
Tom Harrison, N9PQJ, Reedsburg
Brad Pointon, KB9VMC, Baraboo

Respectfully submitted by Don Evenson, K9JYX in the absence of Rick, N9ROY.

Check us out on the web at http://www.bsss.org



Watertown Radio Club and Rock River Radio Club

You Are INVITED TO ATTEND THE "**GROUND HOG PARTY**" OF NORTH AMERICA. WE WILL MEET AT THE WATERTOWN MOOSE LODGE 1212 JUNEAU STREET, (Highway 16 Bypass and Highway R), WATERTOWN– OCTOBER 14TH, 2006
CASH BAR COCKTAIL HOUR WILL START AT 5:00 P.M.,
DINNER AT 6:00 P.M.
MENU: FAMILY STYLE Swiss STEAK, MASHED POTATOES & GRAVY,GLAZED CARROTS, FRUIT SALAD, , ROLLS AND BUTTER. BEVERAGE, DESSERT
DOOR PRIZES !! COST PER PERSON IS **$13.00**.
"G.O.N.A." IS WAITING TO SEE YOU! Bring your YL, XYL
PLEASE RSVP by OCT. 8-- ALONG WITH CHECK TO:
Tim Norbury W9LUB - Bettie Norbury K9GJC - 515 CARL SCHURZ DRIVE WATERTOWN WI , 53098 Ph. 920-261-0637

THE TESTPOINT

(Continued from page 10)
ary thru October. Registration at 8:30, testing at 9:00 a.m. at Sacred Heart Hospital, 401 W. Mohawk Dr., Tomahawk. Contact Diane Lodge Hamman, KA9BHK, 145.43 MHz or telephone 715 453-3908.

St. Paul, MN
Saint Paul Radio Club (SPRC) First Saturday of the month, 8:30 a.m. Test Site: St. Paul Technical College, 235 Marshall Ave., St Paul, MN. Ed Van Cleave, W0VC, (612) 636-0108. www.qsl.net/sprc/index.html.

Washington Island, WI
Contact: John W. Van Sandt, (217) 826-8821. n9yrx@hotmail.com

Waukesha, WI (Milwaukee VEC)
Sponsor: West Allis Radio Club Swapfest, Time: 9:00 AM (Walk-ins allowed. Contact: John G. Kraak, (262)548-9585. Email: jkraak@wi.rr.com. Location: AMF Waukesha Lanes, across from Waukesha EXPO, Waukesha, WI 53186

Wausau, WI.
Sponsor: WVRA. Time: 2:30 PM (Walk-ins allowed). Contact: Gerald L. Graebel, (715) 842-9542 Email: w9glg@arrl.net. VEC: ARRL/VEC. Location: American Legion Golf Course, 1001 Golf Club Rd, Wausau, WI 54403



Looking for a new home for my Collins collection which consists of :

1 each KWM2 transceiver, 30L1 amplifier, 75S1 receiver, 2 each 32S1 transmitters, 3 each 516F2 power supplies, 1 homebrew power supply (which needs repair). Original manuals for all except power supplies which have a photo copy. Also have many Collins service bulletins, Maintenance Routines and Collins Radio Technical CDs on receivers and transmitters. Also with many many spare tubes for all units and lots of publications from the Collins Collector Association.

Pick up in Rothschild, WI (Wausau). $3,200 takes whole package. K9BX Richard Roberts, 845 Everest Dr., Rothschild, WI 54474 k9bxrob@gta.net (715) 259-4106

Buy it! • Sell it • Trade it • Fix it

SWAPFESTS

W.A.R.A.C. Memorial Scholarships

2004 WINNER
Nicholas Luther, K9NL
Oshkosh, WI.

34th ANNUAL MIDWINTER
SWAPFEST
WAUKESHA EXPOSITION CENTER
WAUKESHA, WISCONSIN
SATURDAY
JANUARY 6, 2007

Both sponsored by:
THE WEST ALLIS RADIO AMATEUR CLUB, INC.
P. O. BOX 1072 · MILWAUKEE, WISCONSIN 53201

HAM IT UP EVERY SPRING!
MADISON SWAPFEST
Mandt Community Center
APRIL 21, 2007
400 Mandt Parkway Stoughton WI
Doors open at 8 a.m.
Sponsored by MARA/W9HSY
P. 0. Box 8890 Madison, WI 53708-8890
Swapfest Information Line. (608) 245-8890

SOUTH MILWAUKEE AMATEUR RADIO CLUB
SWAPFEST 07
JULY 07, 2007
(Held every July)
American Legion Park
Shepard Avenue • Oak Creek, WI
(414) 762-3235 Ask for Verne
P.O. Box 102 South Milwaukee, WI 53172
e-mail ryatex@aol.com

Ozaukee Radio Club
HAM RADIO AND COMPUTER SWAPFEST

8 a.m. to 1 p.m. • Circle B Recreation Center
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Exams by Badger Examiners, c/o Gary Sharbuno,
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American Legion Post 434
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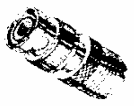
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